Built, oil-cooled piston for internal combustion engines

Patent number:

DE3830033

Publication date:

1989-06-08

Inventor:

MESSMER DIETER (DE)

Applicant:

MAHLE GMBH (DE)

Classification:

- international:

F01P3/06; F02F3/22

- european:

F02B23/06W; F02F3/00B1; F02F3/00B3; F02F3/22S

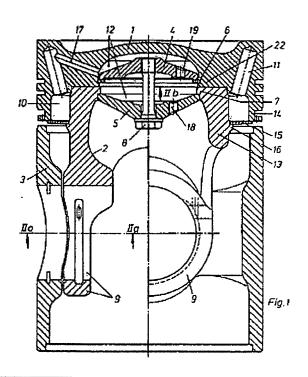
Application number: DE19883830033 19880903

Priority number(s): DE19873740499 19871130; DE19883830033 19880903

Report a data error here

Abstract of DE3830033

A built, oil-cooled trunk piston for internal combustion engines comprises a piston head (1), which is detachably connected to a lower part (2) containing the bosses (9) for receiving the piston pin. A skirt (3) is pivotably connected to the lower part (2) by way of the piston pin. A ring channel (10), open to the piston skirt, is located radially outside in the area of the piston head (1). It is intended that cooling oil injected from the crank chamber be shook up in this ring channel (10). For this purpose an annular disc (15), which can be applied to a collar of the piston lower part (2), is provided, which completely covers the ring channel (10). In the lower part (2) an oil duct (20), running parallel to the longitudinal axis of the piston, is provided, through which the cooling oil can be injected into the ring channel (10).



Data supplied from the esp@cenet database - Worldwide

BEST AVAILABLE COPY